

PIONEER

Pioneer Energy Services



Dual Induction Log

API No. 15-015-23,972-00-00	Company	Vess Oil Corporation	Production Dept. File Copy
	Well	Knox A No. 55	
	Field	El Dorado	
	County	Butler State Kansas	
Location		1425' FNL & 1800' FWL	Other Services CNL/CDL MEL
Sec: 15		Twp: 25 S	Rge: 5 E
Permanent Datum		Ground Level	Elevation 1329
Log Measured From		Kelly Bushing	6 Ft. Above Perm. Datum
Drilling Measured From		Kelly Bushing	
Date		4/25/2013	
Run Number		One	
Depth Driller		2560	
Depth Logger		2559	
Bottom Logged Interval		2558	
Top Log Interval		250	
Casing Driller		8.625 @ 263	
Casing Logger		262	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		1400	
Density / Viscosity		9.5	54
pH / Fluid Loss		9.5	8.6
Source of Sample		Flowline	
Rm @ Meas. Temp		1.85 @ 56	
Rmf @ Meas. Temp		1.39 @ 56	
Rmc @ Meas. Temp		2.50 @ 56	
Source of Rmf / Rmc		Charts	
Rm @ BHT		1.02 @ 102	
Operating Rig Time		3 1/2 Hours	
Max Rec. Temp. F		102	
Equipment Number		108	
Location		Hays	
Recorded By		D. Martin	

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Thank you for using Pioneer Energy Services

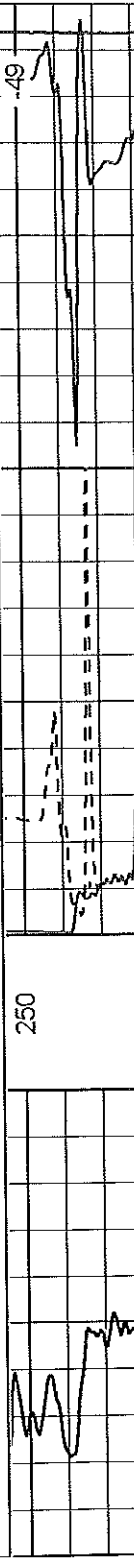
☐☐ 785.625.3858

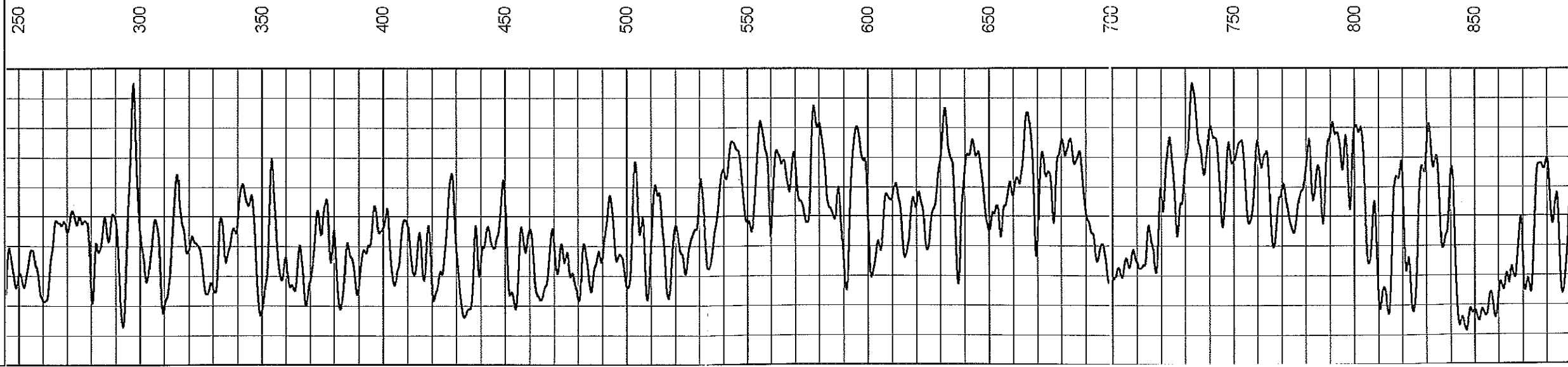
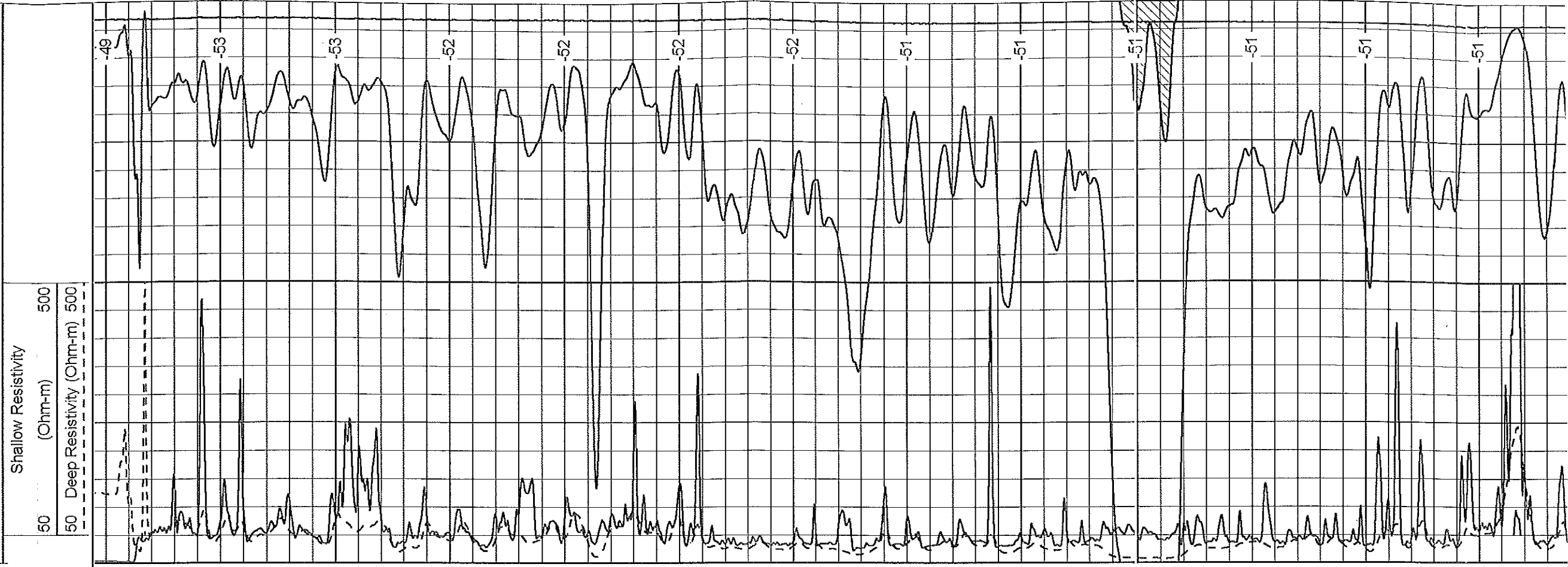
Potwin, KS

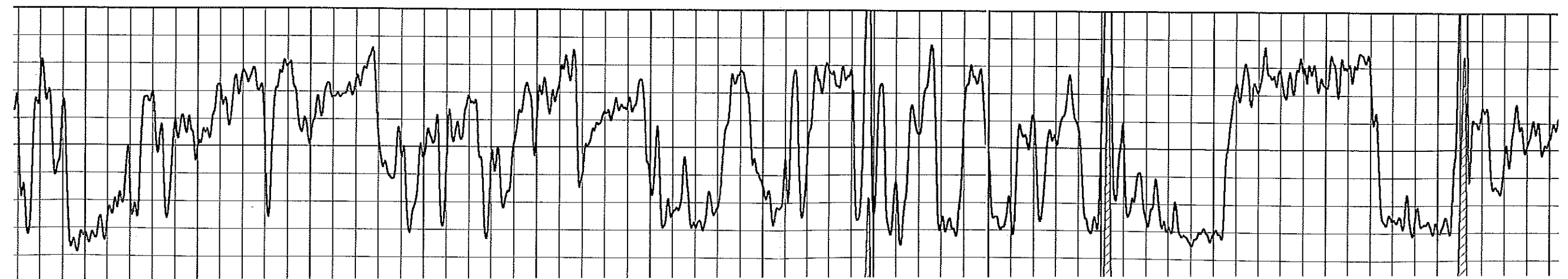
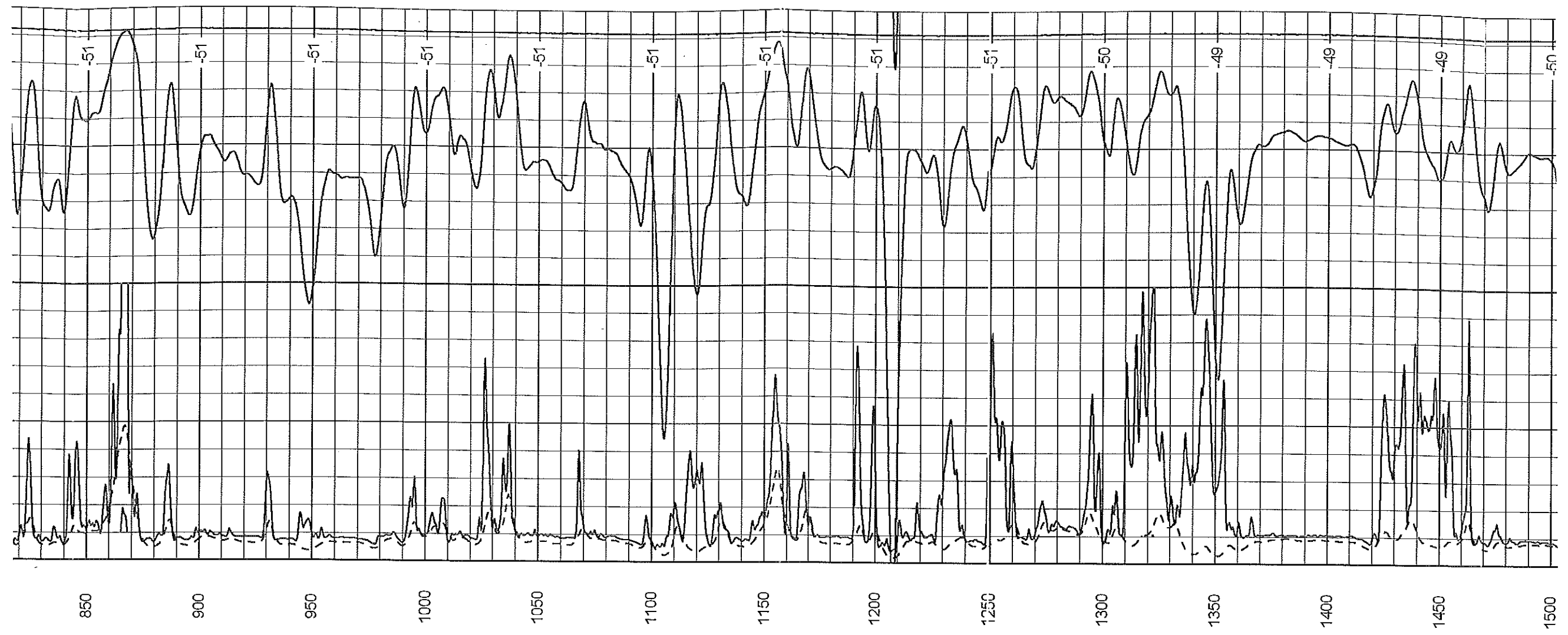
E to 40 Rd., 3 E to Haven Hill Rd.,
1/2 S, E into

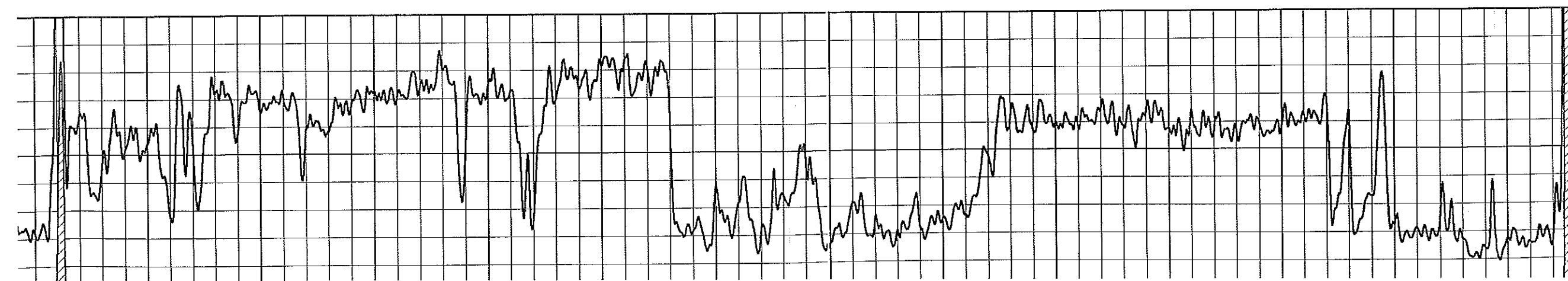
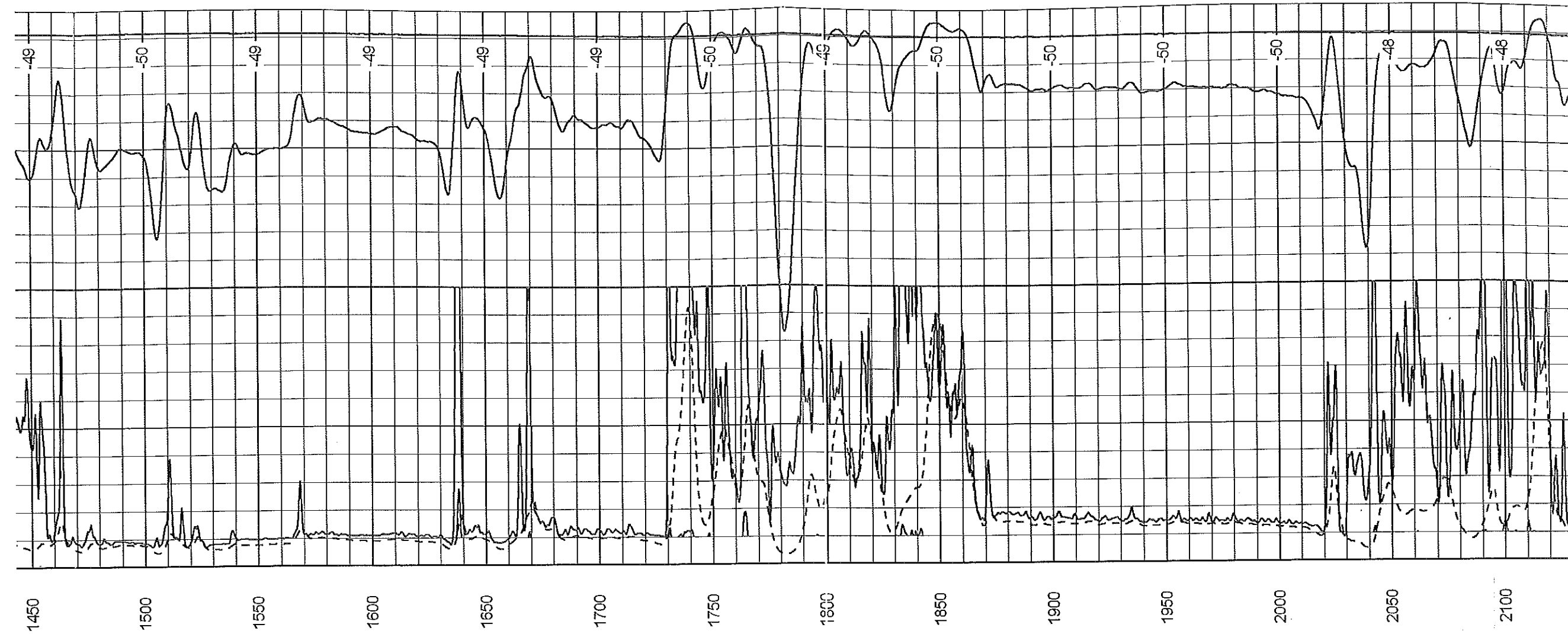
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 Presentation Format: dil2in
 Dataset Creation: Thu Apr 25 09:14:29 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:600

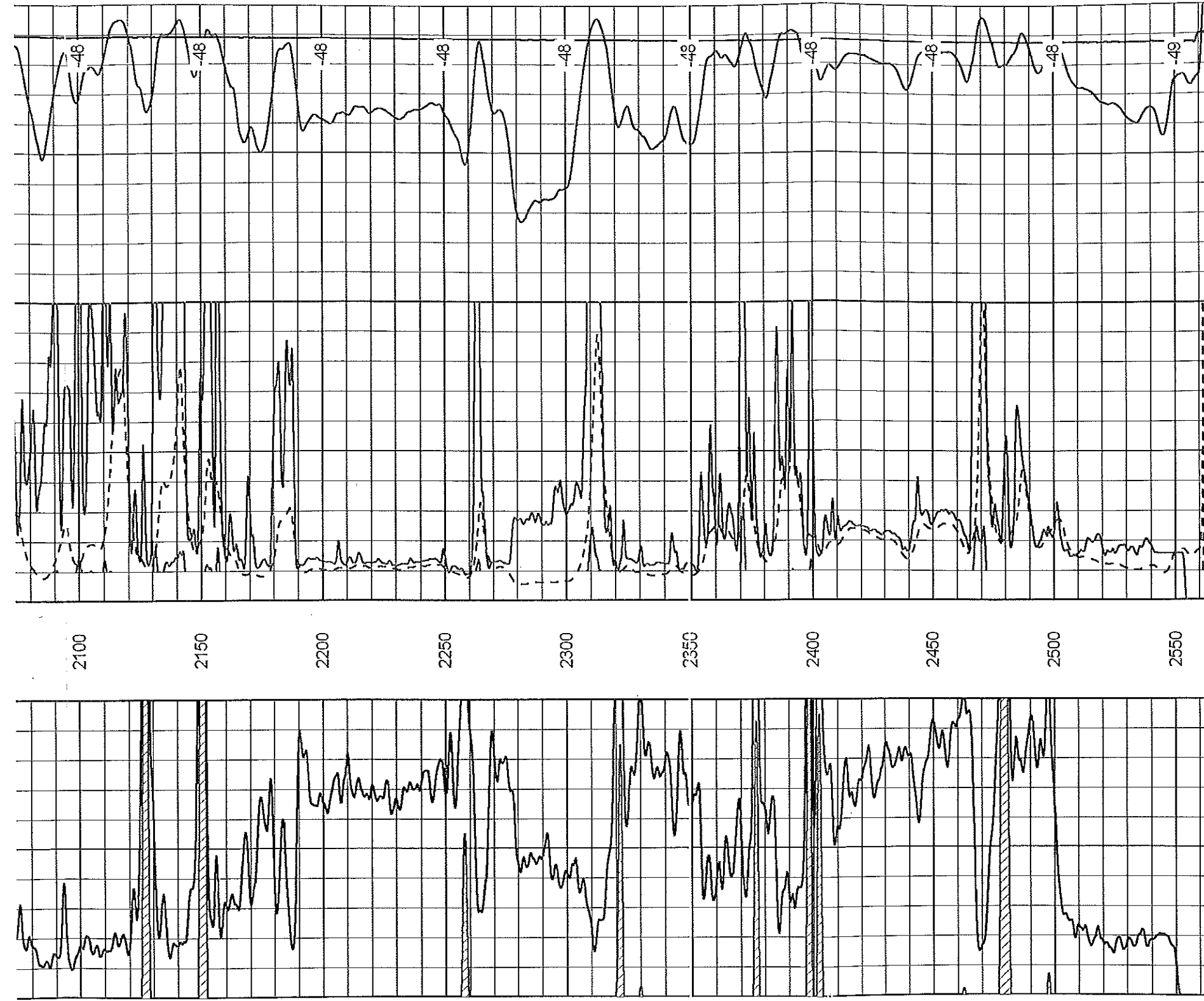
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0	Shallow Resistivity (Ohm-m)	50	Conductivity (mmho/m)	0
0	Deep Resistivity (Ohm-m)	50	Line Tension (lb)	0
1000				
15000				
50	Shallow Resistivity (Ohm-m)	500		
50	Deep Resistivity (Ohm-m)	500		











0	Gamma Ray (GAPI)	150
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	
15000	Line Tension (lb)	0
50	Shallow Resistivity (Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500
0	LSPD (ft/min)	0

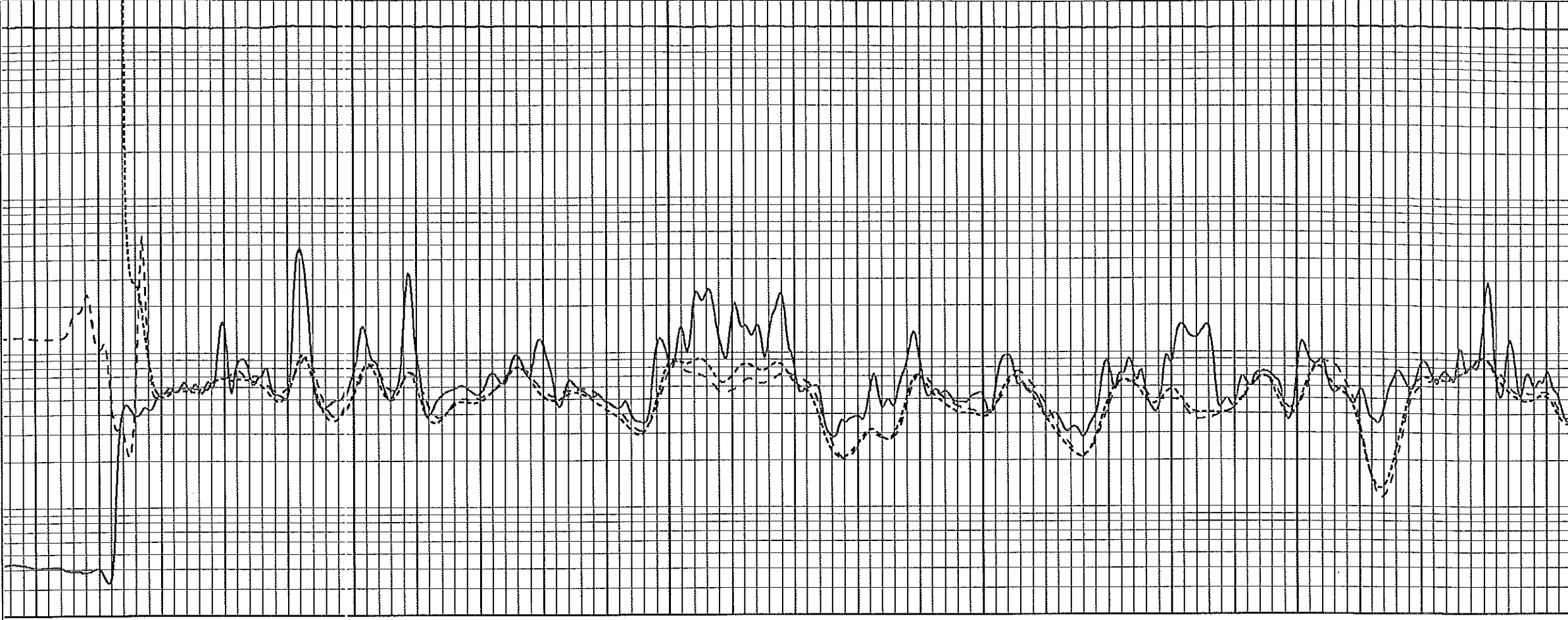
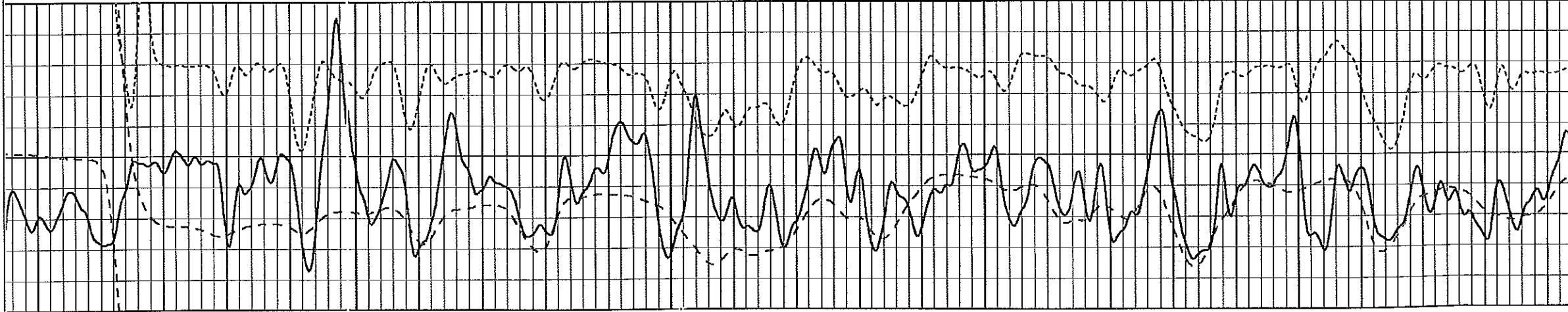
0	Gamma Ray (GAPI)	150
-160	RXORT	40
-200	SP (mV)	0
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

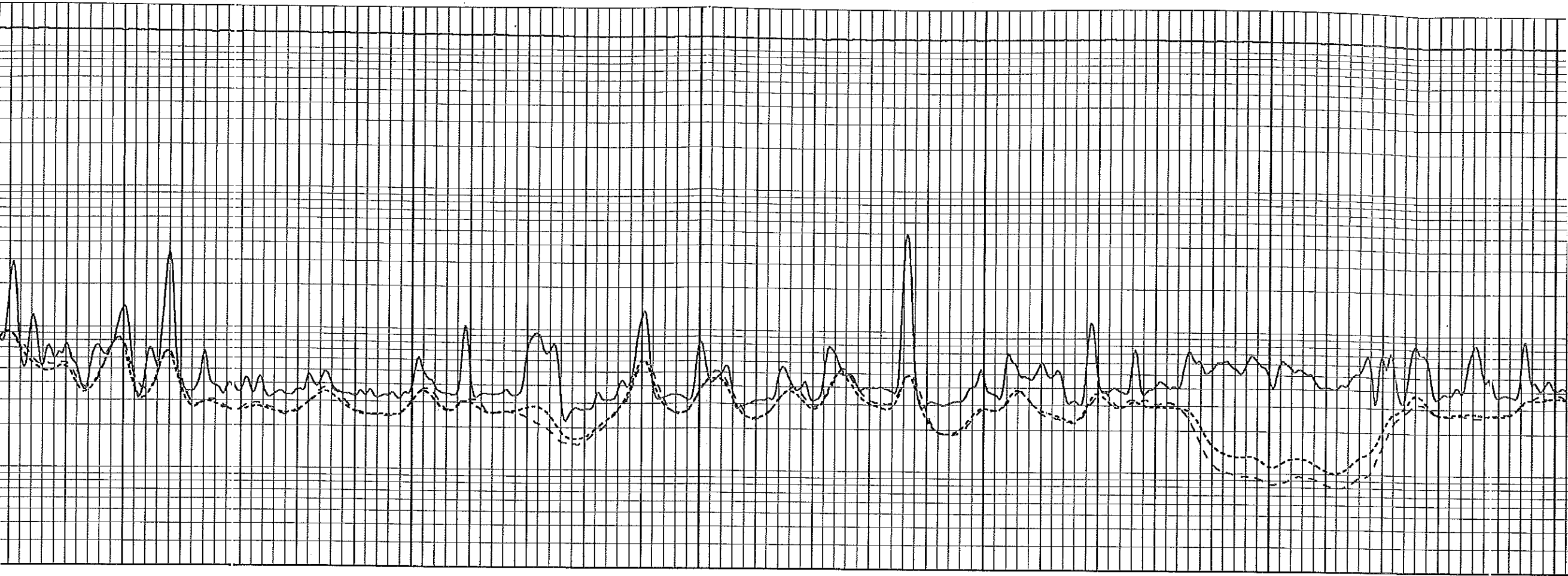
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 Presentation Format: dil
 Dataset Creation: Thu Apr 25 09:14:29 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150
-160 RXORT 40
-200 SP (mV) 0

0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
10000 Line Tension (lb) 0





500

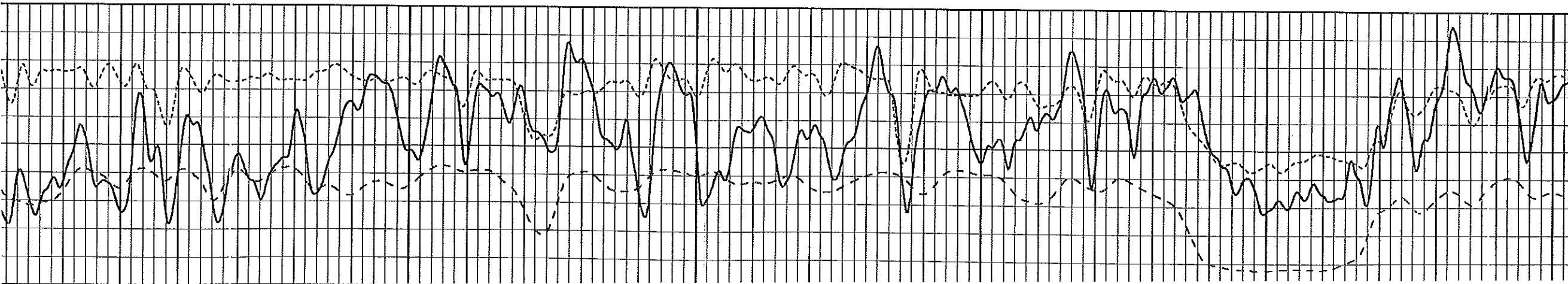
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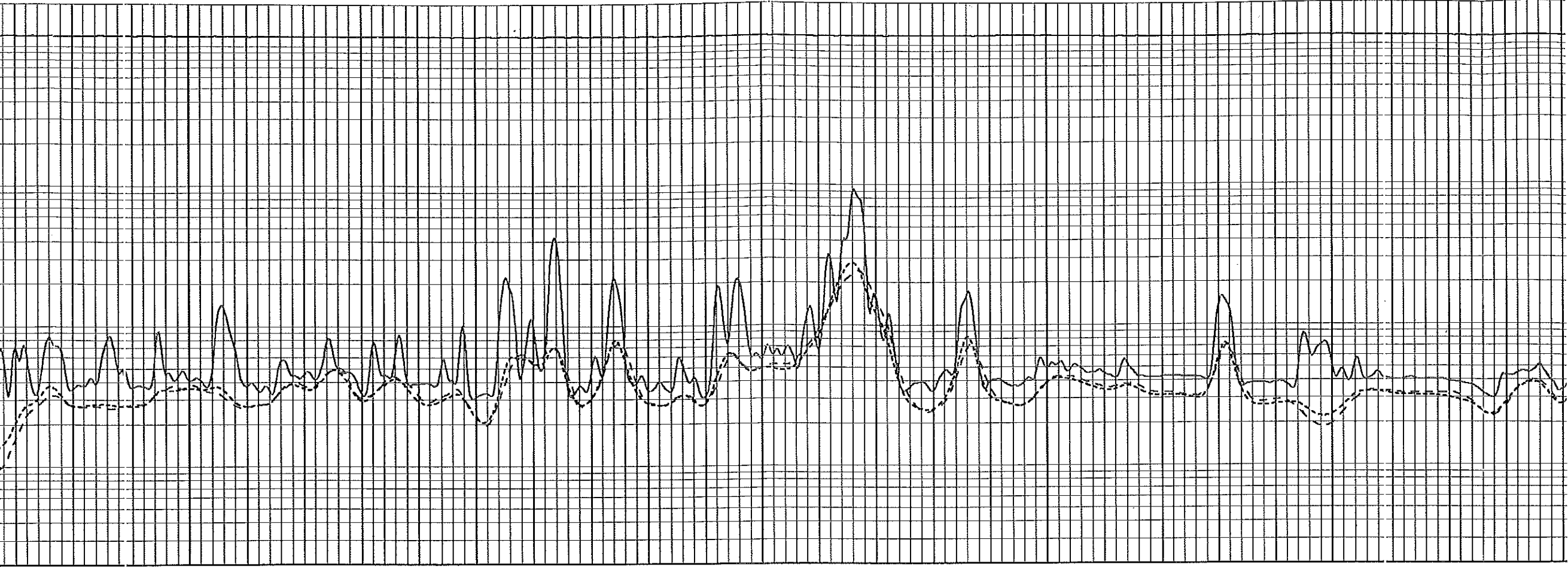
600

650

700

750





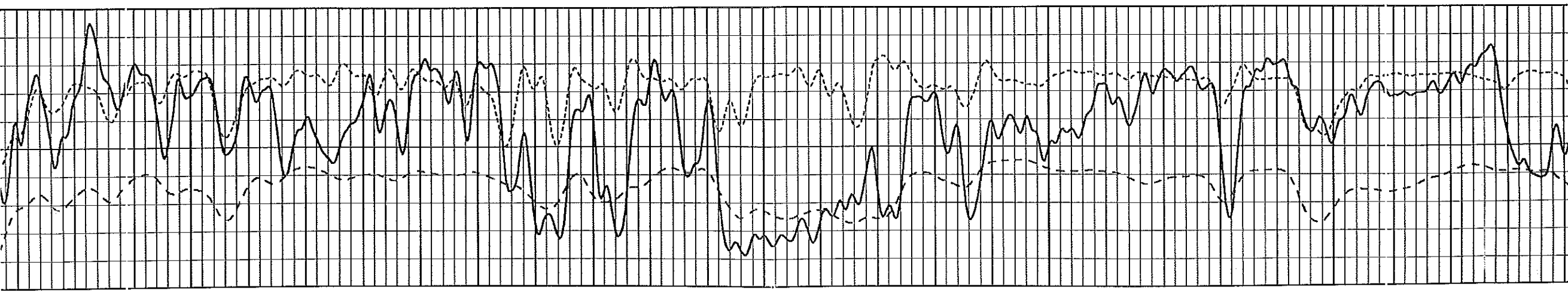
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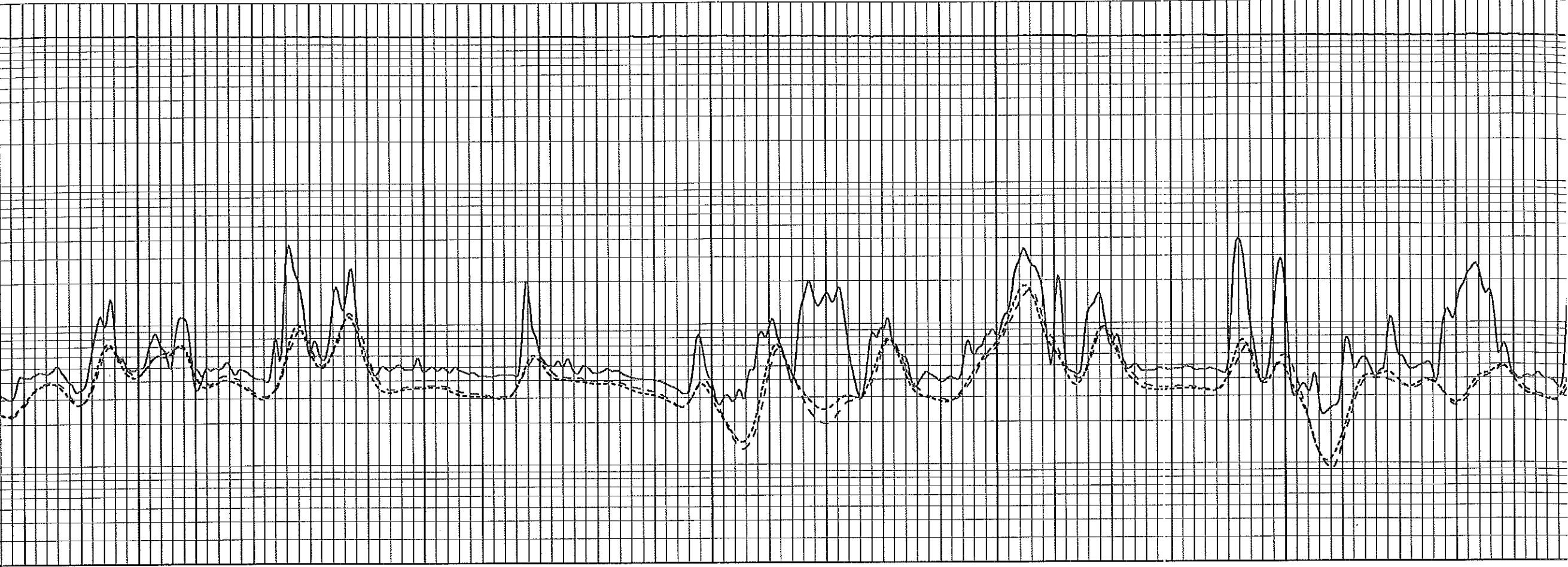
800

850

900

950





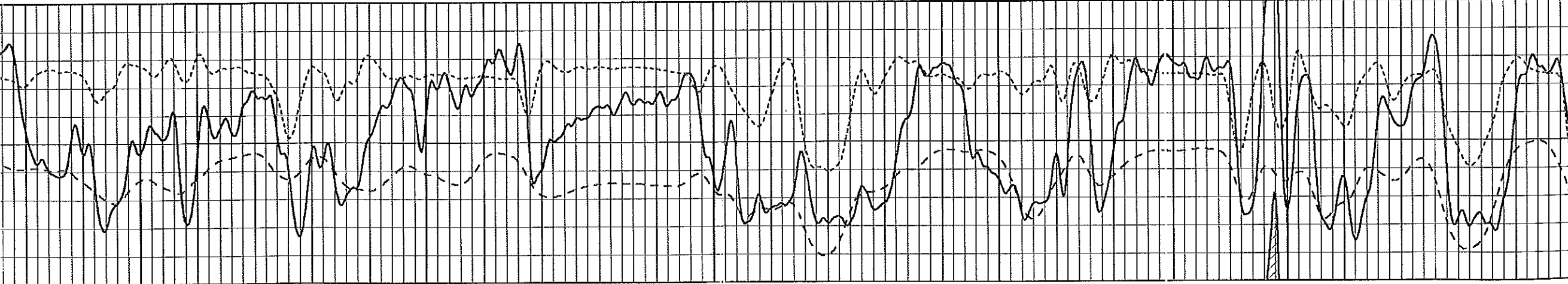
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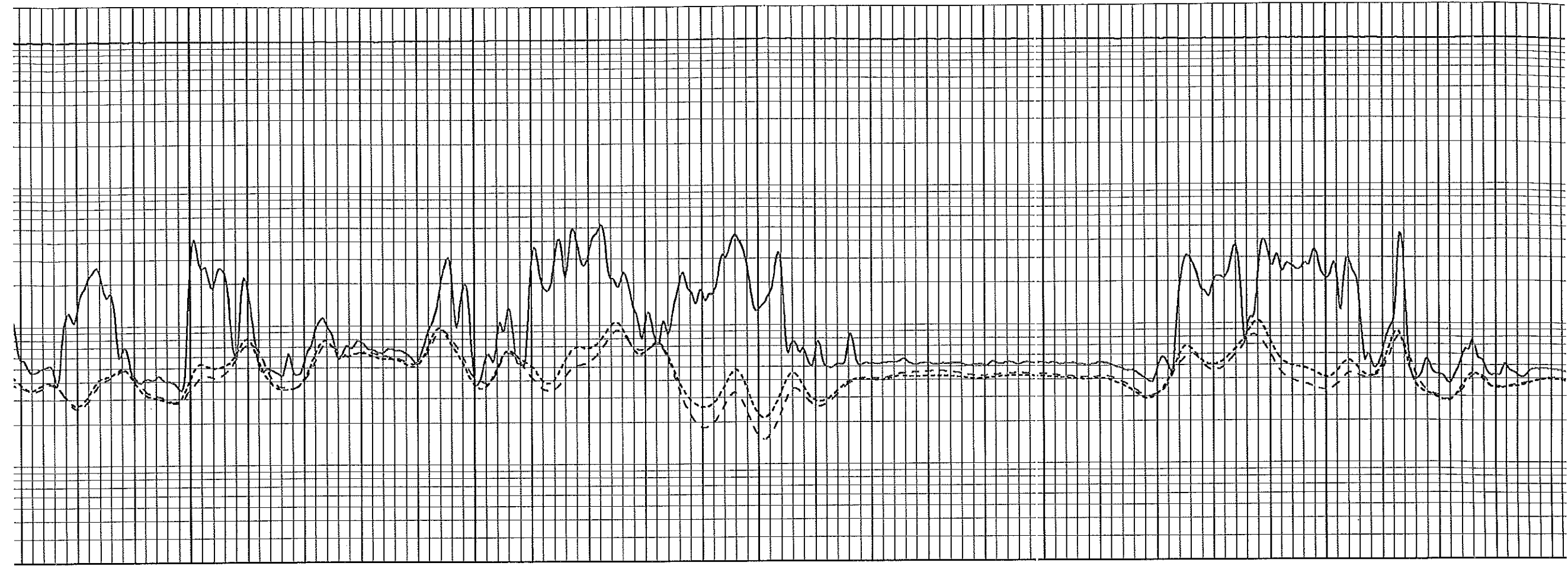
1050

1100

1150

1200





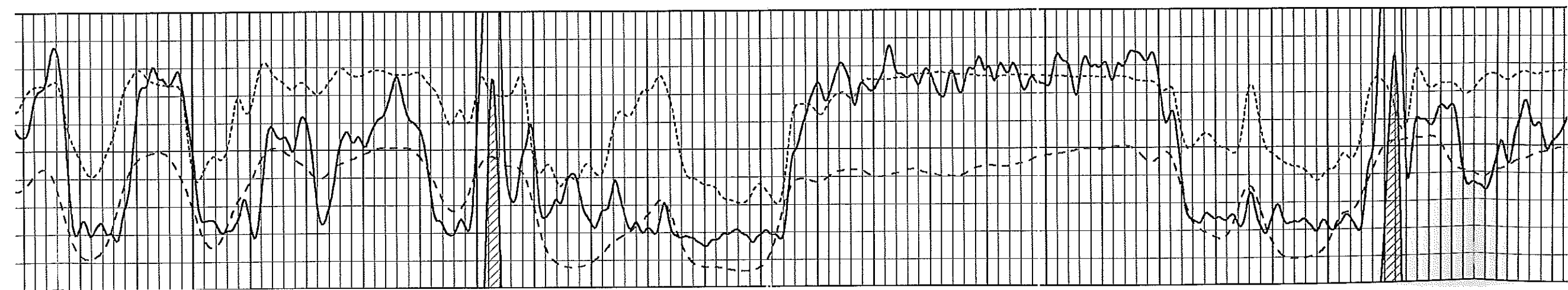
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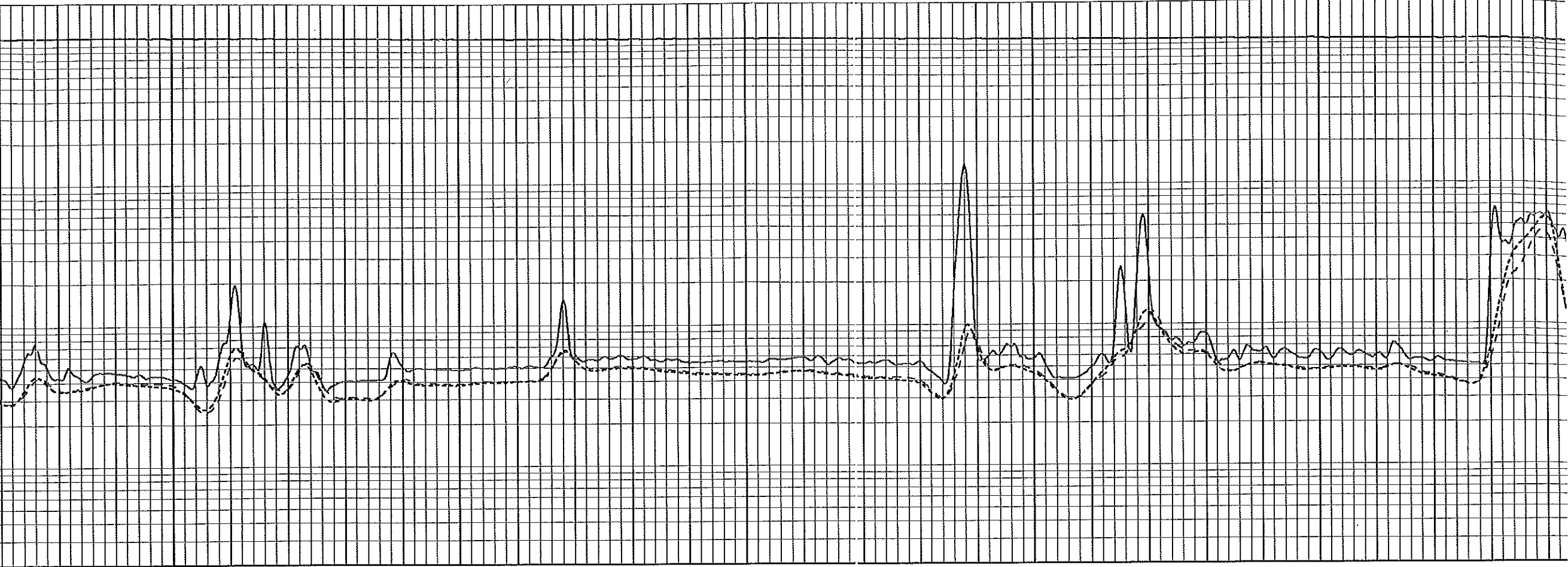
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1350

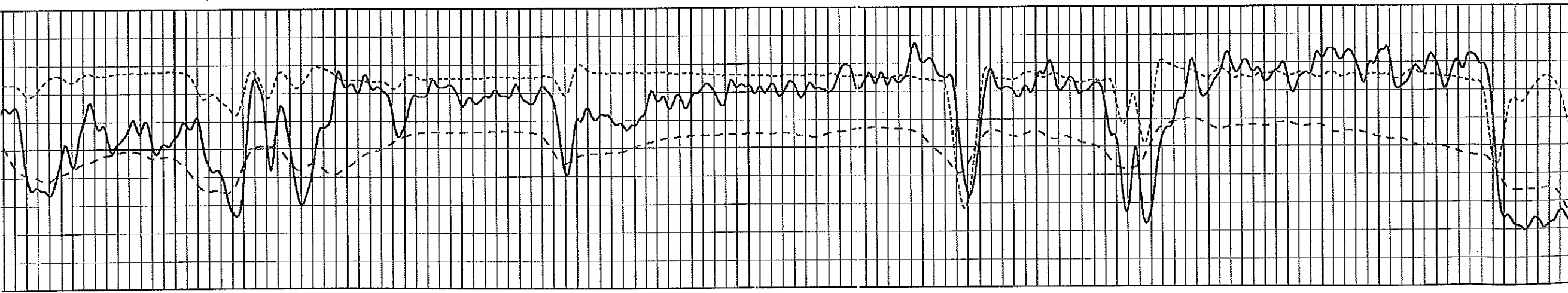
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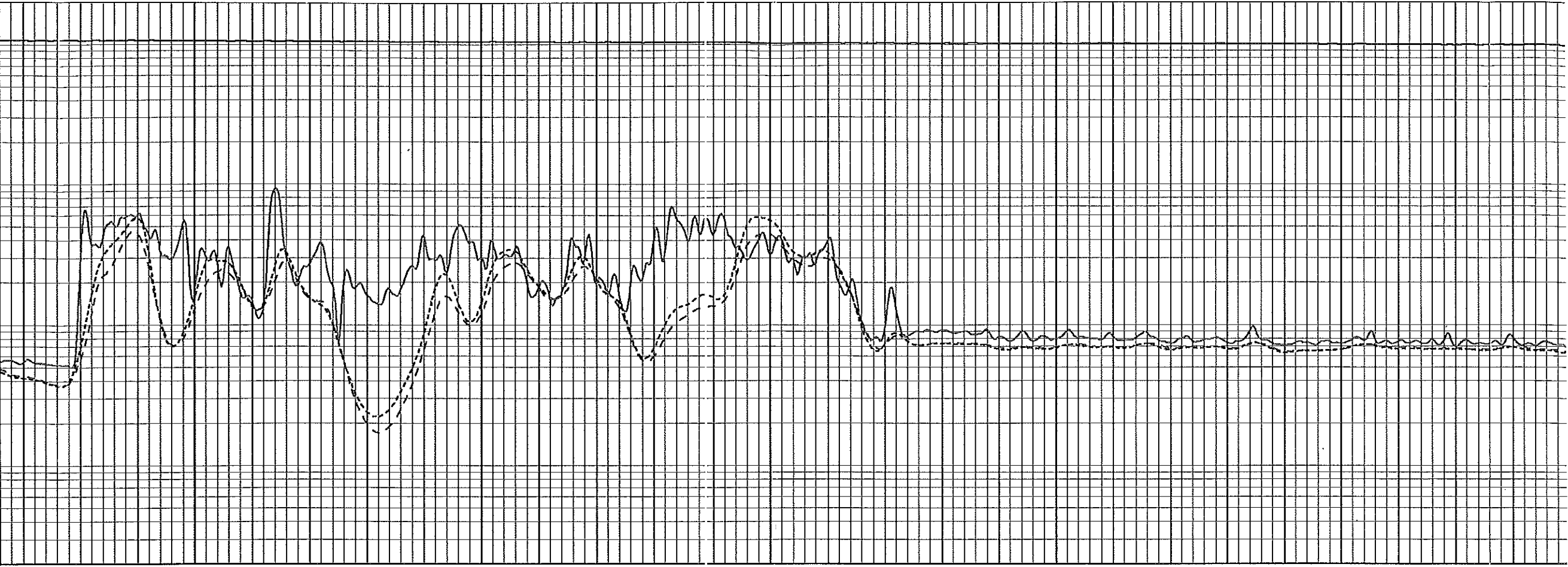
1450





1500 1550 1600 1650 1700





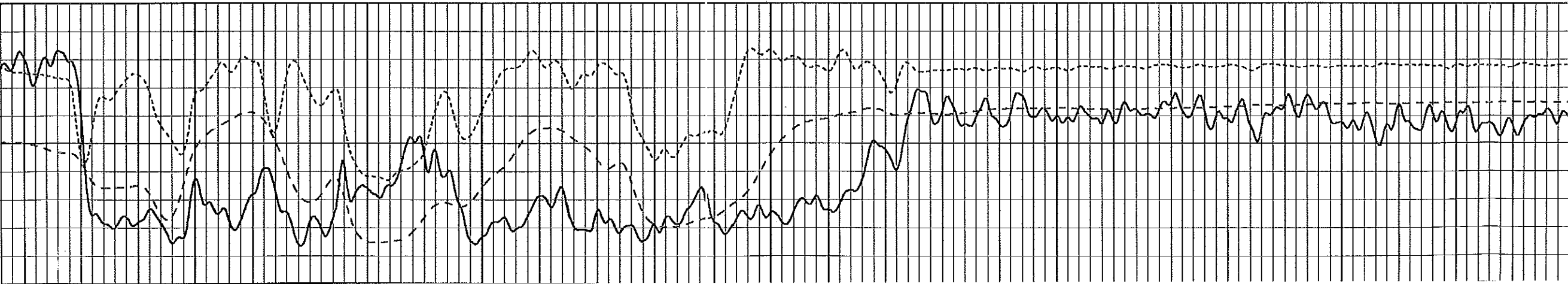
1750

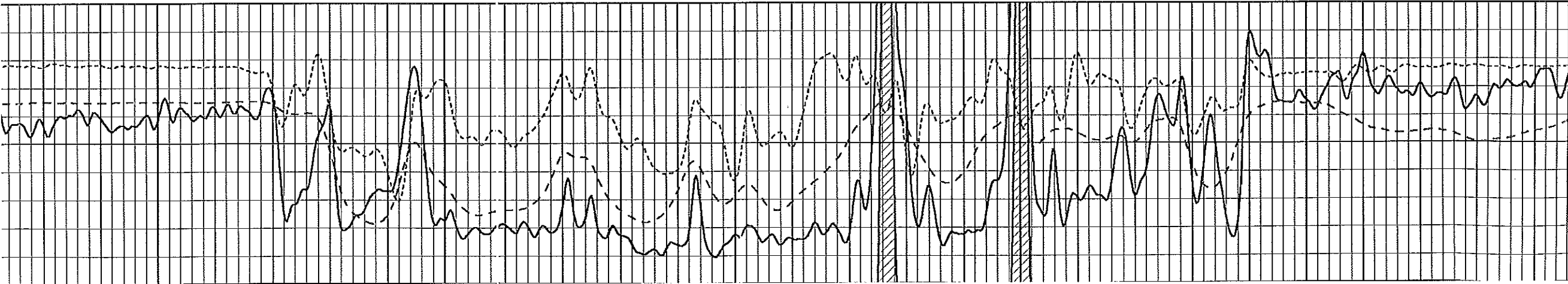
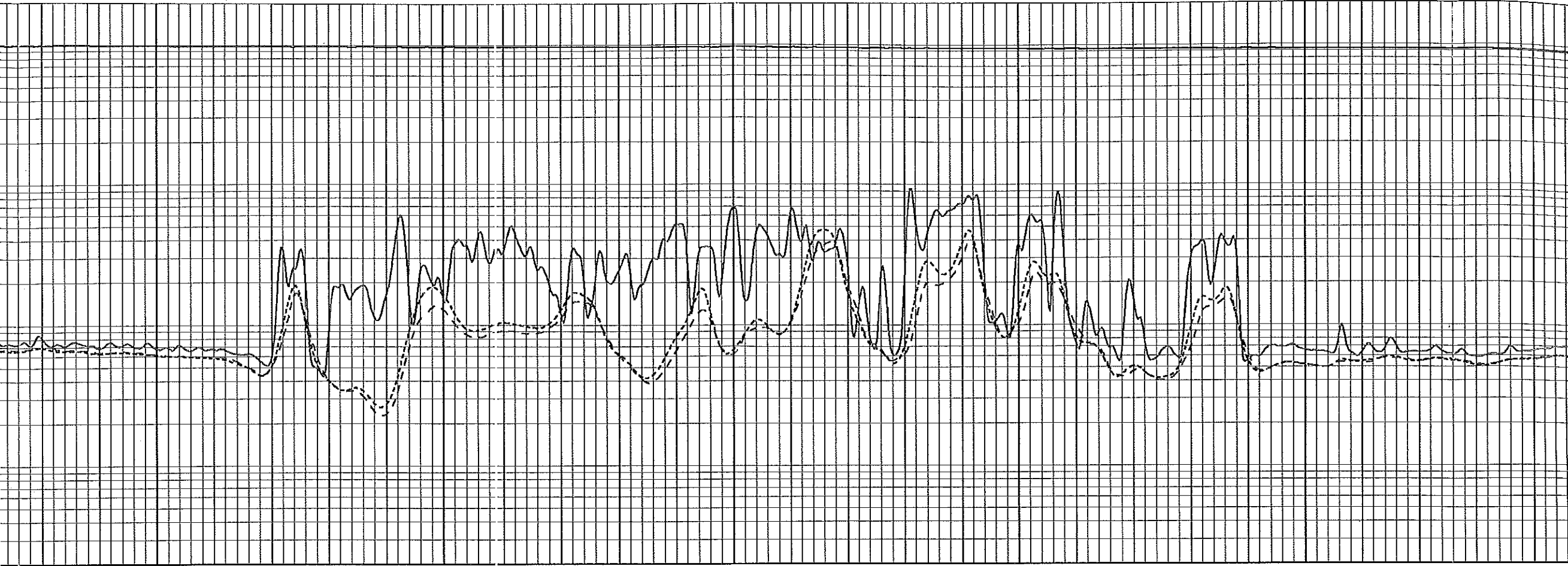
1800

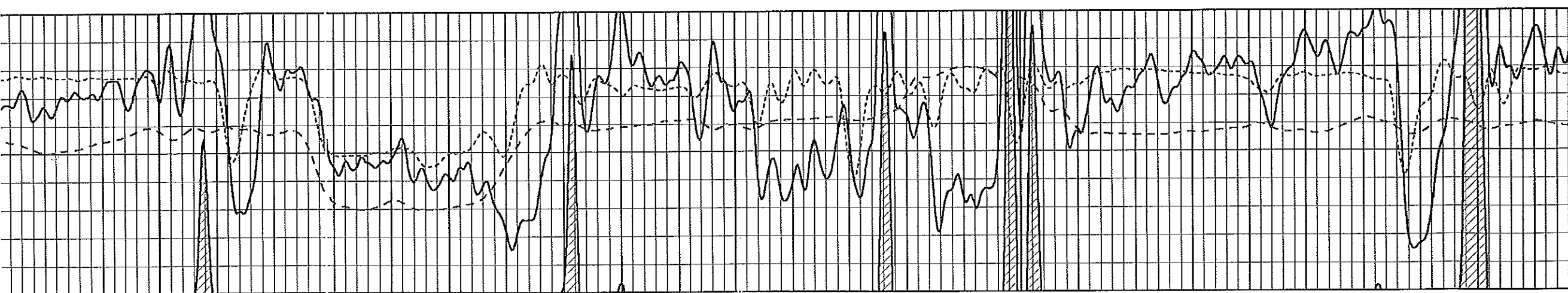
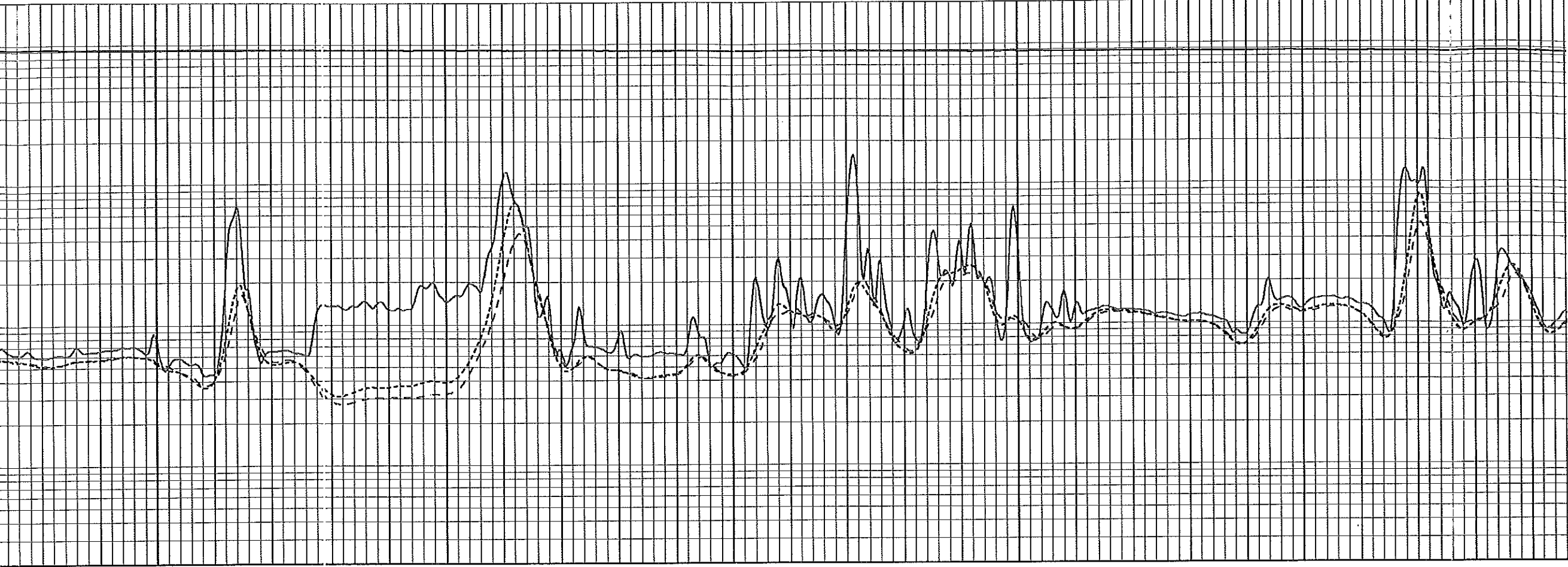
1850

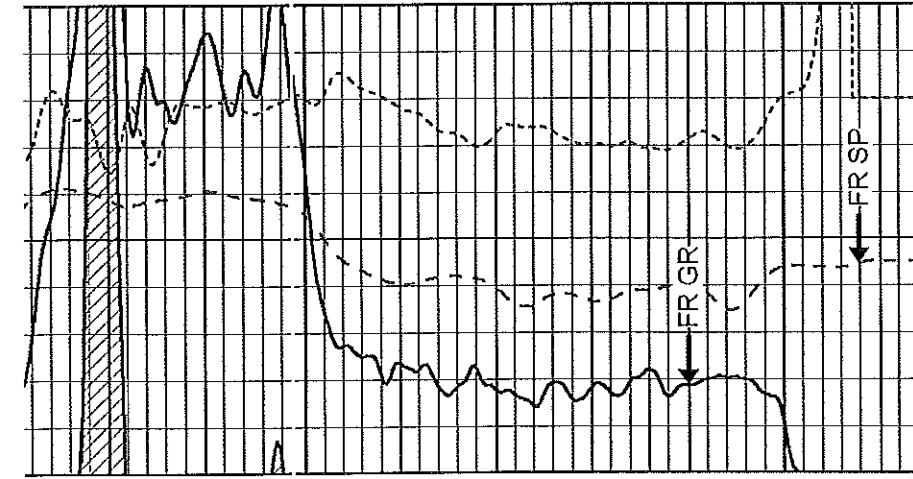
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1950





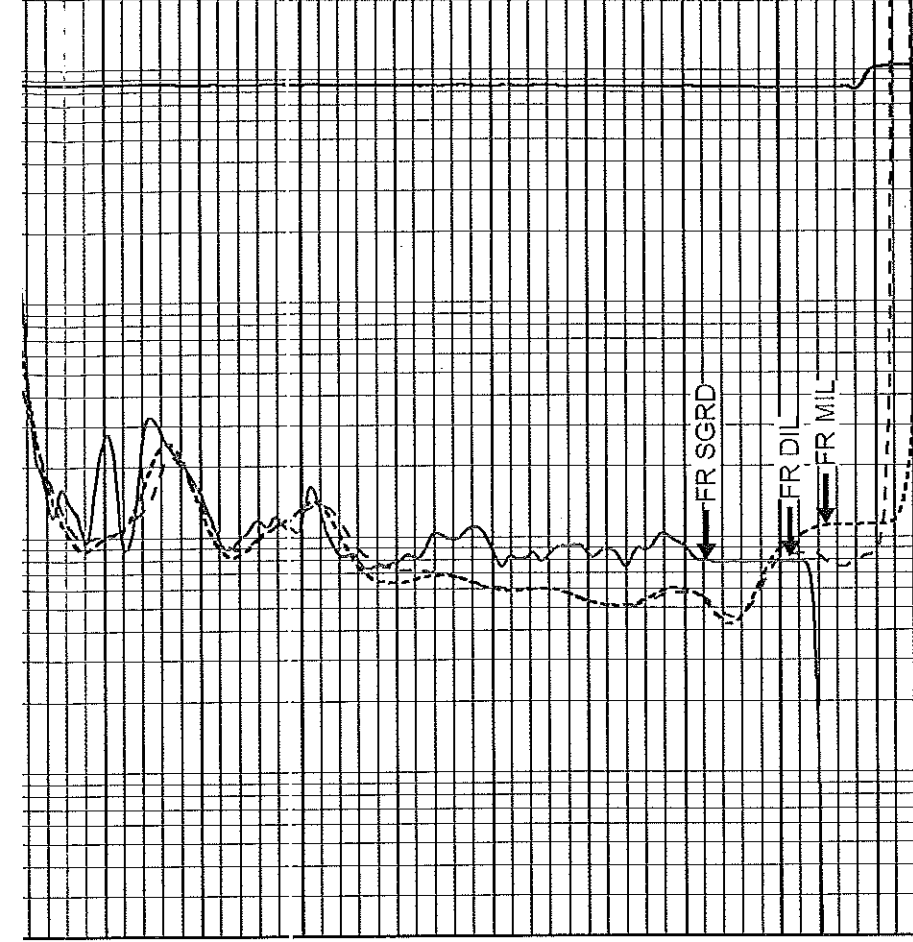




0 Gamma Ray (GAPI) 150
 -160 RXORT 40
 -200 SP (mV) 0

2500

2550



0.2 Deep Resistivity (Ohm-m) 2000
 0.2 Medium Resistivity (Ohm-m) 2000
 0.2 Shallow Resistivity (Ohm-m) 2000
 10000 Line Tension (lb) 0



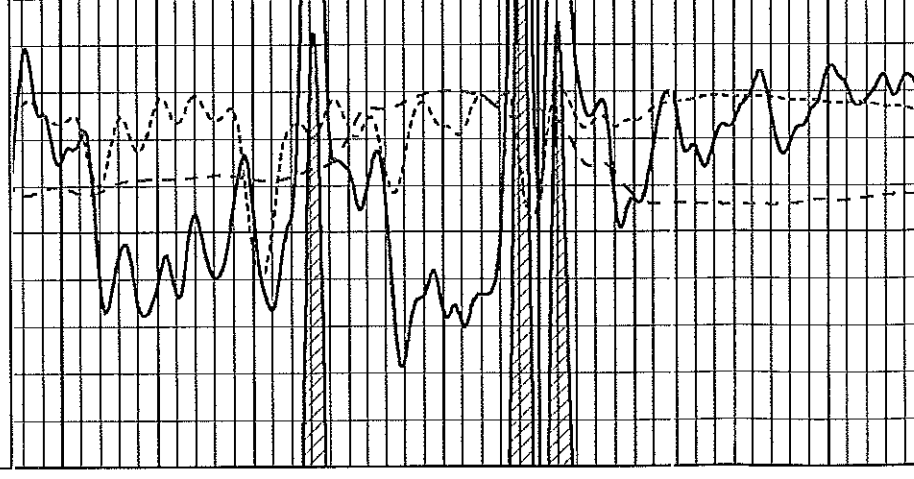
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Repeat Section

Database File: vess_knox_55.db
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 Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150
 -160 RXORT 40
 -200 SP (mV) 0

0.2 Deep Resistivity (Ohm-m) 2000
 0.2 Medium Resistivity (Ohm-m) 2000
 0.2 Shallow Resistivity (Ohm-m) 2000
 10000 Line Tension (lb) 0



2350

2400

